

# WEST Search History

DATE: Thursday, June 05, 2003

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=DWPI; PLUR=YES; OP=OR*

L11 (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic)

31 L11

*DB=USPT; PLUR=YES; OP=OR*

L10 6495209

1 L10

L9 L8 and block

6 L9

L8 L7 and membrane

8 L8

L7 L6 and copolymer

157 L7

L6 araki.in.

1402 L6

*DB=JPAB; PLUR=YES; OP=OR*

L5 ((block adj copolymer) and (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic))

0 L5

*DB=EPAB; PLUR=YES; OP=OR*

L4 ((block adj copolymer) and (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic))

1 L4

*DB=DWPI; PLUR=YES; OP=OR*

L3 ((block adj copolymer) and (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic))

1 L3

*DB=USPT; PLUR=YES; OP=OR*

L2 ((block adj copolymer) and (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic)).clm.

0 L2

L1 (block adj copolymer) and (polytetrafluoroethylene or tetrafluoroethylene) and (nafion or perfluorosulfonic)

64 L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Friday, June 06, 2003

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=JPAB; PLUR=YES; OP=OR*

L5 (perfluorovinyl adj ether) and tetrafluoroethylene and (block adj  
copolymer)

0 L5

*DB=EPAB; PLUR=YES; OP=OR*

L4 (perfluorovinyl adj ether) and tetrafluoroethylene and (block adj  
copolymer)

0 L4

*DB=DWPI; PLUR=YES; OP=OR*

L3 (perfluorovinyl adj ether) and tetrafluoroethylene and (block adj  
copolymer)

1 L3

*DB=USPT; PLUR=YES; OP=OR*

L2 (perfluorovinyl adj ether) and tetrafluoroethylene and (block adj  
copolymer)

42 L2

L1 5399184.pn.

1 L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Sunday, June 08, 2003

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT; PLUR=YES; OP=OR*

L5 L4 and sulfonic and (PTFE or polytetrafluoroethylene) 26 L5

L4 ((electrolyte or polyelectrolyte) and (block adj copolymer) and  
(random adj copolymer)) 336 L4

L3 ((electrolyte or polyelectrolyte) and (block adj copolymer) and  
sulfonic) and (PTFE or polytetrafluoroethylene) and nafion 24 L3

*DB=DWPI; PLUR=YES; OP=OR*

L2 ((electrolyte or polyelectrolyte) and (block adj copolymer) and  
sulfonic) 13 L2

*DB=USPT; PLUR=YES; OP=OR*

L1 ((electrolyte or polyelectrolyte) and (block adj copolymer) and  
sulfonic).clm. 8 L1

END OF SEARCH HISTORY

# WEST Search History

DATE: Tuesday, September 24, 2002

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*

L14	((fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)).clm.	12	L14
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L13	((fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte))	198	L13
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L12	(fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)	198	L12
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*DB=JPAB; PLUR=YES; OP=OR*

L11	(fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)	1	L11
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*DB=EPAB; PLUR=YES; OP=OR*

L10	(fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)	0	L10
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*DB=DWPI; PLUR=YES; OP=OR*

L9	(fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)	3	L9
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L8	L7	21	L8
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L7	L6	21	L7
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L6	bissot.in.	21	L6
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L5	bissot.in.	21	L5
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L4	bissot.in.	21	L4
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L3	225651	4	L3
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L2	WO82/02564	0	L2
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L1	02564	0	L1
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END OF SEARCH HISTORY

**WEST**

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**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: KR 2001091642 A

L9: Entry 1 of 3

File: DWPI

Oct 23, 2001

DERWENT-ACC-NO: 2002-264949

DERWENT-WEEK: 200231

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TITLE: Method for manufacturing composite polymer electrolyte membrane for polymer electrolyte membrane fuel cell

INVENTOR: CHOI, H J; HA, H Y ; HONG, S A ; LIM, T H ; NAM, S U ; OH, I H ; SIM, J P

PRIORITY-DATA: 2000KR-0013526 (March 17, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001091642 A	October 23, 2001		001	H01M008/10

INT-CL (IPC): H01 M 8/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KimC	Draw Desc	Clip Img	Image
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☐ 2. Document ID: KR 2001082156 A EP 1126537 A1 CA 2336720 A1 CN 1310190 A US 20010018144 A1

L9: Entry 2 of 3

File: DWPI

Aug 29, 2001

DERWENT-ACC-NO: 2002-000857

DERWENT-WEEK: 200215

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TITLE: Polymer electrolyte fuel cell has polymer electrolyte disposed with anode and cathode having ion exchange resin made of polymer containing segments of sulfonic acid group and fluoropolymer without ion exchange group

INVENTOR: ERIGUCHI, T; WATAKABE, A

PRIORITY-DATA: 2000JP-0351817 (November 17, 2000), 2000JP-0036941 (February 15, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001082156 A	August 29, 2001		000	H01M008/10
EP 1126537 A1	August 22, 2001	E	028	H01M008/02
CA 2336720 A1	August 15, 2001	E	000	H01M008/00
CN 1310190 A	August 29, 2001		000	C08F293/00
US 20010018144 A1	August 30, 2001		000	H01M008/10

INT-CL (IPC): C08 F 2/00; C08 F 293/00; C08 J 5/20; H01 M 2/14; H01 M 8/00; H01 M 8/02; H01 M 8/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw Desc	Image
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☐ 3. Document ID: JP 06231778 A

L9: Entry 3 of 3

File: DWPI

Aug 19, 1994

DERWENT-ACC-NO: 1994-305952

DERWENT-WEEK: 199438

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TITLE: Fuel cell of solid polymer electrolyte type - has cation exchange resin film comprising perfluorocarbon polymers with sulphonic acid gp

PRIORITY-DATA: 1993JP-0034141 (January 29, 1993)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06231778 A	August 19, 1994		004	H01M008/02

INT-CL (IPC): C08J 5/22; H01M 8/02; H01M 8/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw Desc	Image
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Terms	Documents
(fuel adj cell) and (sulfonic adj acid) and tetrafluoroethylene and (electrolyte or polyelectrolyte)	3

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